

**FIG. 1**

AOL.COM - Microsoft Internet Explorer

View Favorites Tools Help



http://www.aol.com/

**AOL.COM**

[Search](#) | [Web Centers](#) | [Shopping](#) | [Community](#) | [Download AOL](#)

Get your  
**AOL Mail**

Screen name:

Password:

Sign In

Tuesday, December 28, 1999

**Daily Essentials**

- [Top News](#)
- [Weather](#)
- [Horoscopes](#)
- [Stock Portfolio](#)
- [My Calendar](#)
- [Classifieds](#)
- [AOL 5.0 FREE](#)
- [AOL Instant Messenger](#)
- [Hot Chats](#)
- [Quick Buddy](#)
- [Home Pages](#)
- [Love@AOL](#)
- [Free Greetings](#)



**My AOL.COM:** [Indian Air Hijackers List Demands](#) | [Dow Breaks Record](#) | [Bonds Fall](#)

Search the Web Here:

Search

**Web Centers**

Stock  
Quoter

Go!

Symbol  
Lookup

**Shop@AOL.COM**

**AOL.COM Search**

- [Autos](#) | [New Cars](#), [Used Cars](#), [Maintenance](#)...
- [Bus. & Careers](#) | [Jobs](#), [Career Finder](#)...
- [Computing](#) | [Multimedia Plug-ins](#), [Free Software](#)...
- [Entertainment](#) | [Celebrities](#), [TV](#), [Music](#), [Movies](#)...
- [Food & Cooking](#) | [Recipes](#), [Local Dining](#)...
- [Games](#) | [Demos](#), [Pokémon](#), [Codes](#)...
- [Health](#) | [Research an Illness](#), [Calorie Counter](#)...

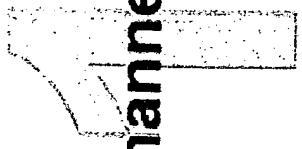
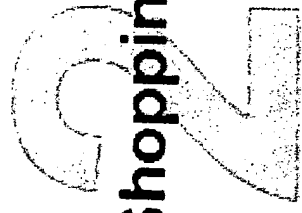
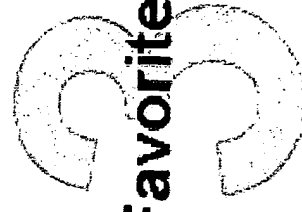
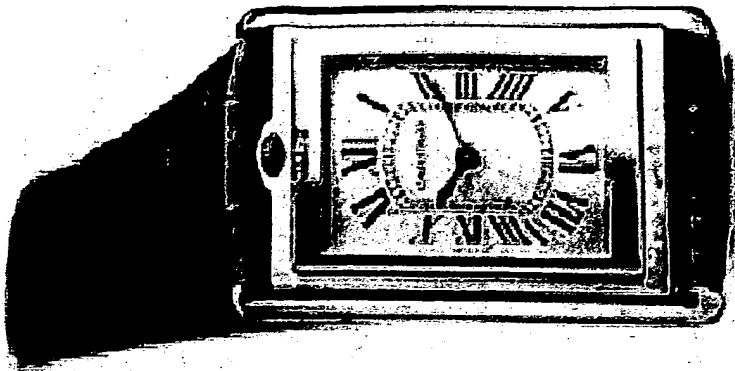







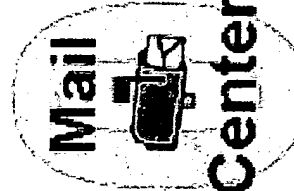
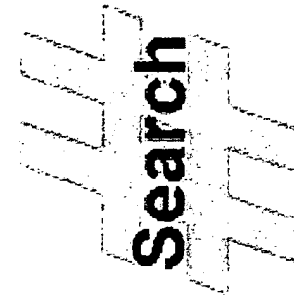

[Red Rocket](#)  
[Avon](#)

- [Apparel](#)
- [Art & Collectibles](#)
- [Auctions & Outlets](#)
- [Books, Music & Video](#)
- [Computing](#)

- [Yellow Pages](#)
- [White Pages](#)
- [E-mail Lookup](#)
- [Maps & Directions](#)
- [Personal Home Page Search](#)
- [Newsgroups](#)
- [Kids Only](#)

Internet

Fig 2A

 Channels	 Shopping	 Favorites	 <i>Cartier</i>
 Essentials	 My AOL	 My Files	
 People	 Quotes	 Calendar	
 AOL Home	 Mail Center	 Search	
 Sister Site			



**Yahoo! Mail**  
free email for life

[ ]

**Free**  
**Internet Access**

**Search** [advanced search](#)

[Shopping](#) - [Auctions](#) - [Yellow Pages](#) - [People Search](#) - [Maps](#) - [Travel](#) - [Classifieds](#) - [Personals](#) - [Games](#) - [Chat](#) - [Clubs](#)  
[Mail](#) - [Calendar](#) - [Messenger](#) - [Companion](#) - [My Yahoo!](#) - [News](#) - [Sports](#) - [Weather](#) - [TV](#) - [Stock Quotes](#) - [more...](#)

**Yahoo! Shopping** - Thousands of stores. Millions of products.

**Departments**

[Apparel](#)   [Flowers](#)  
[Bath/Beauty](#)   [Food/Drink](#)  
[Computers](#)   [Music](#)  
[Electronics](#)   [Video/DVD](#)

**Stores**

[Toys R Us](#)  
[Gap](#)  
[Vermont Teddy Bear](#)  
[Macy's](#)

**Products**

[Digital cameras](#)  
[Pokemon](#)  
[MP3 players](#)  
[DVD players](#)

**In the News**

• [Clinton urges Congress to back Congo force](#)  
 • [Windows 2000 debut](#)  
 • [NASA releases NEAR asteroid images](#)

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• [Loan Center](#) - auto loans, mortgages, credit reports  
 • [Yahoo! Bill Pay](#) - free 3-month trial  
 • [Yahoo! Autos](#) - buy new and used cars

[more...](#)**Inside Yahoo!**

• [Yahoo! Outloud](#) - featuring Smash Mouth  
 • [Y! Mobile](#) - Yahoo! on your phone  
 • Play free [Fantasy Auto Racing](#)  
 • [Y! Greetings](#) - free greeting cards

[more...](#)

**World Yahoo!s** [Europe](#) : [Denmark](#) - [France](#) - [Germany](#) - [Italy](#) - [Norway](#) - [Spain](#) - [Sweden](#) - [UK & Ireland](#)  
[Pacific Rim](#) : [Asia](#) - [Australia & NZ](#) - [China](#) - [Chinese](#) - [HK](#) - [Japan](#) - [Korea](#) - [Singapore](#) - [Taiwan](#)  
[Americas](#) : [Brazil](#) - [Canada](#) - [Mexico](#) - [Spanish](#)

**Yahoo! Get Local** [LA](#) - [NYC](#) - [SF Bay](#) - [Chicago](#) - [more...](#)

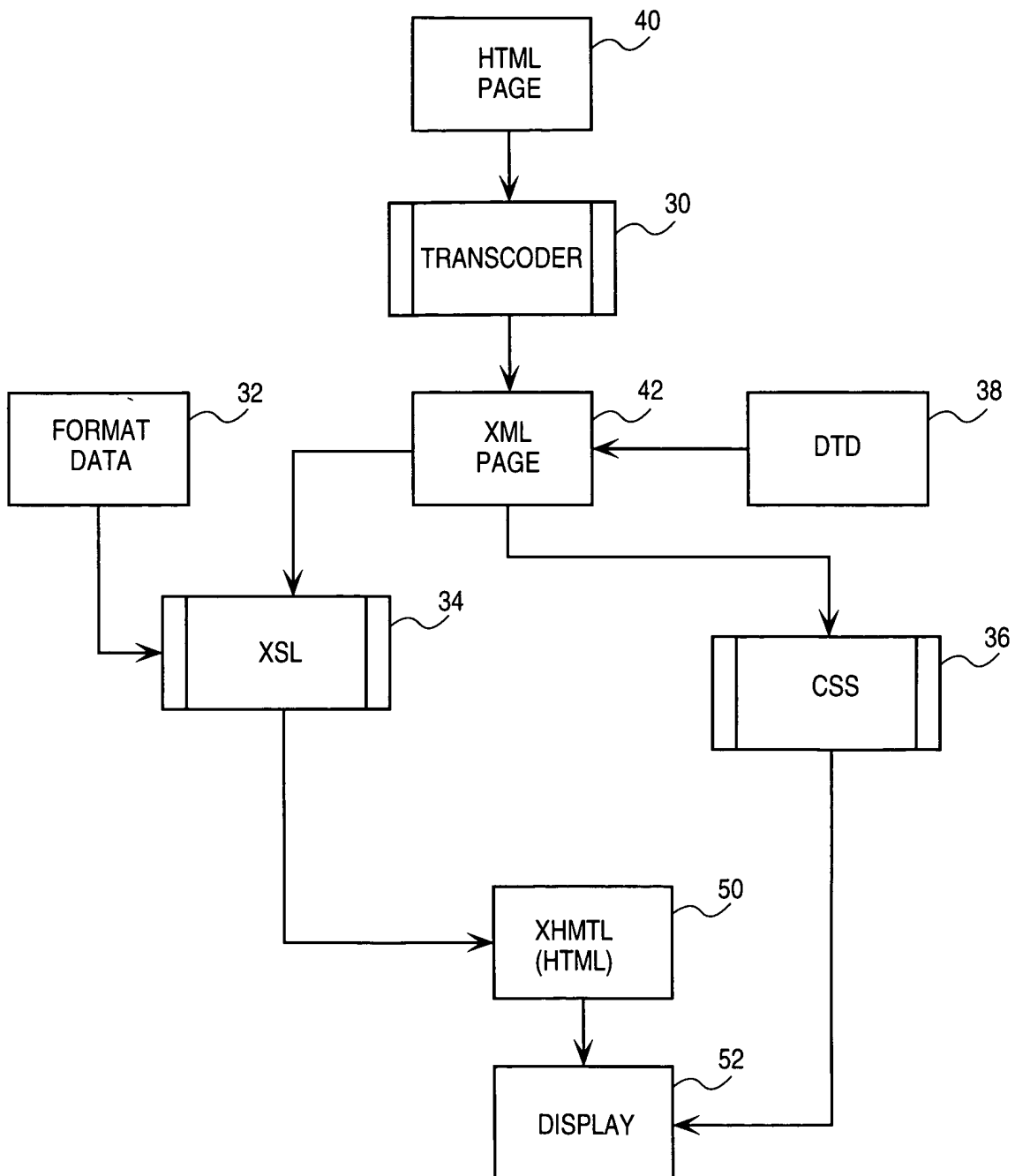
**Other** [Autos](#) - [Careers](#) - [Digital](#) - [Entertainment](#) - [Greetings](#) - [Health](#) - [Invites](#) - [Local Events](#) - [Net Events](#)  
[Message Boards](#) - [Movies](#) - [Music](#) - [Real Estate](#) - [Small Business](#) - [Y! Internet Life](#) - [Yahoo!igans!](#)

Yahoo! prefers

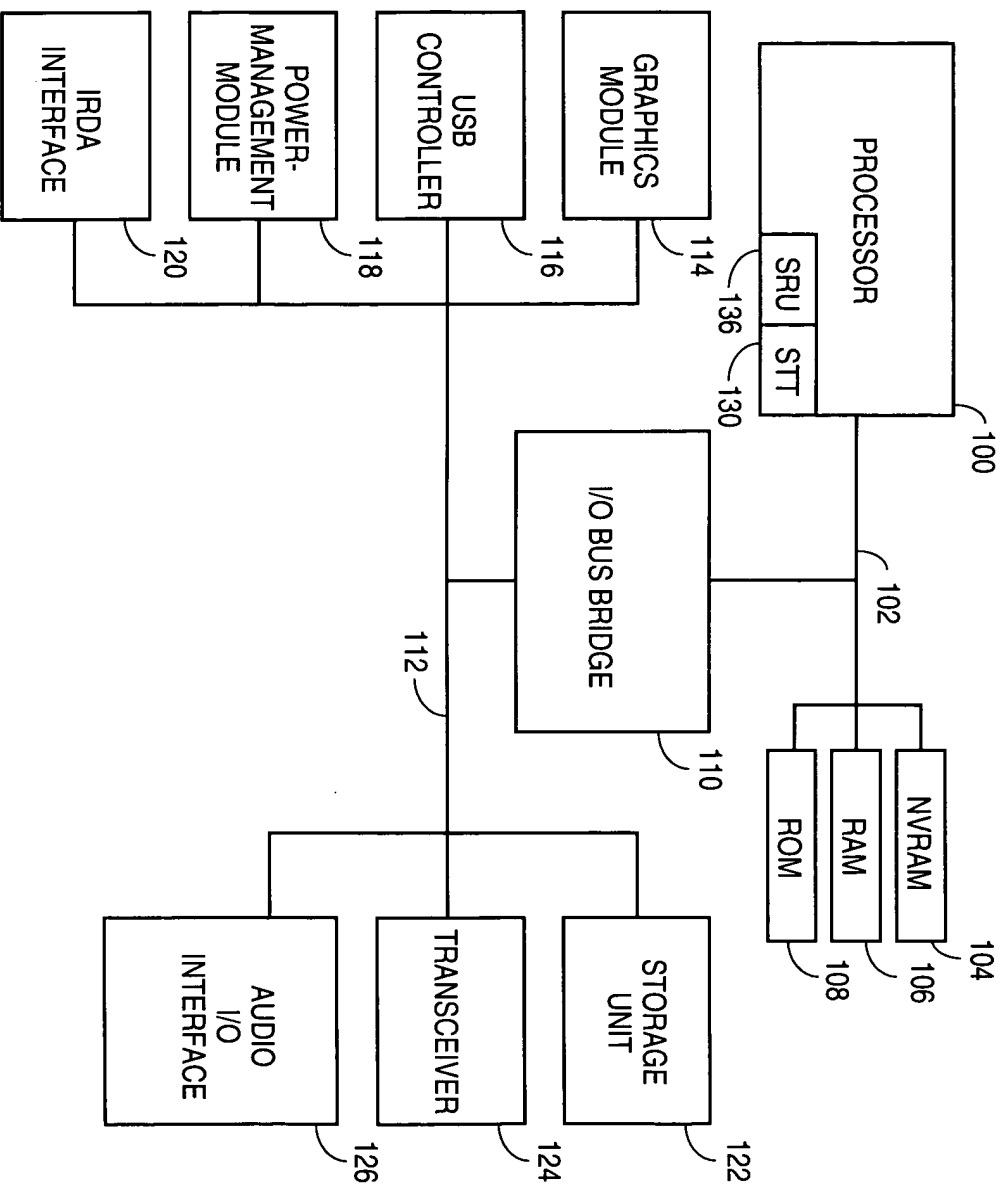


[How to Suggest a Site](#) - [Company Info](#) - [Privacy Policy](#) - [Terms of Service](#) - [Contributors](#) - [Openings at Yahoo!](#)

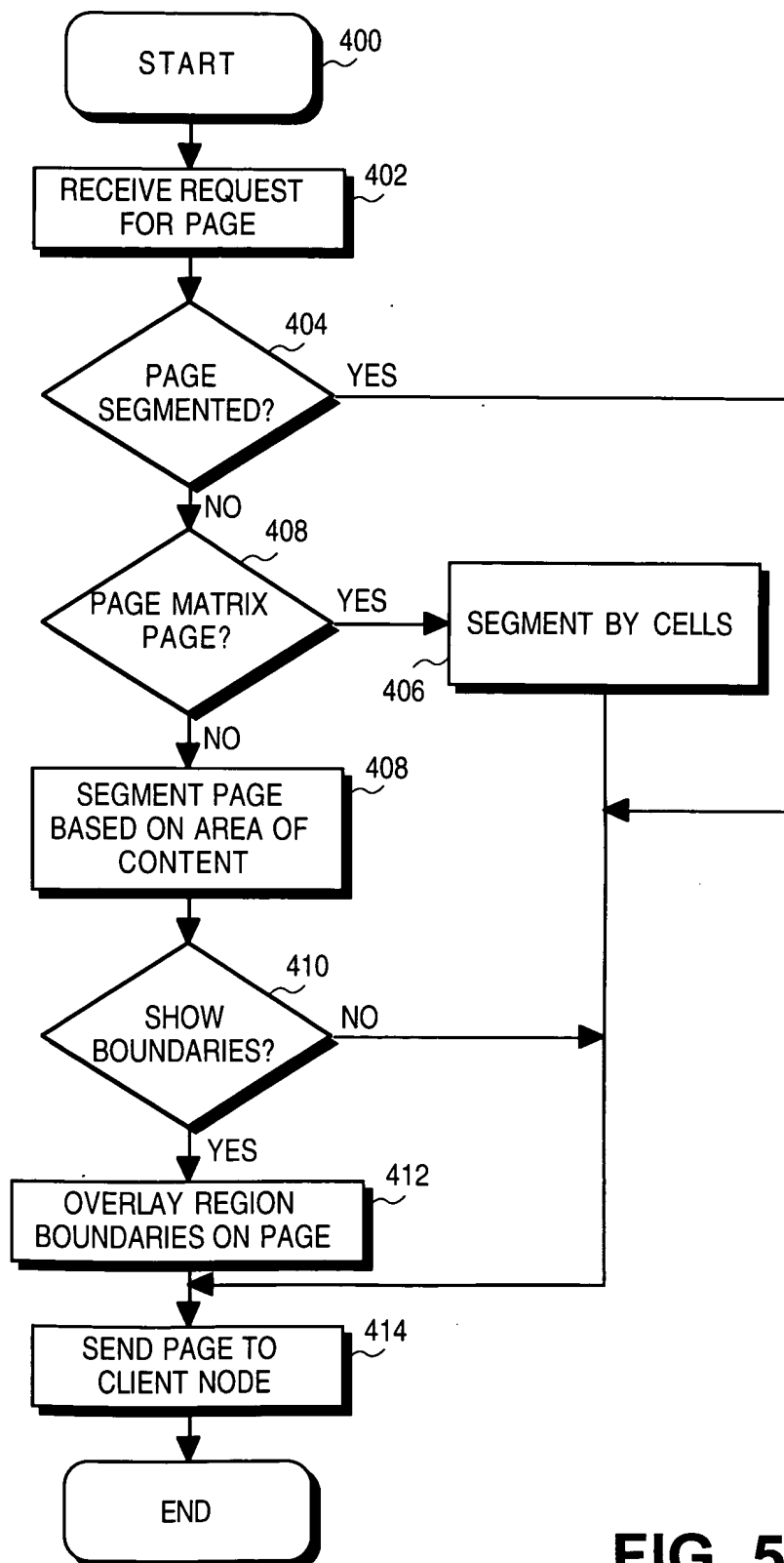
Copyright © 2000 Yahoo! Inc. All rights reserved.  
[Copyright Policy](#)



**FIG. 3**



**FIG. 4**



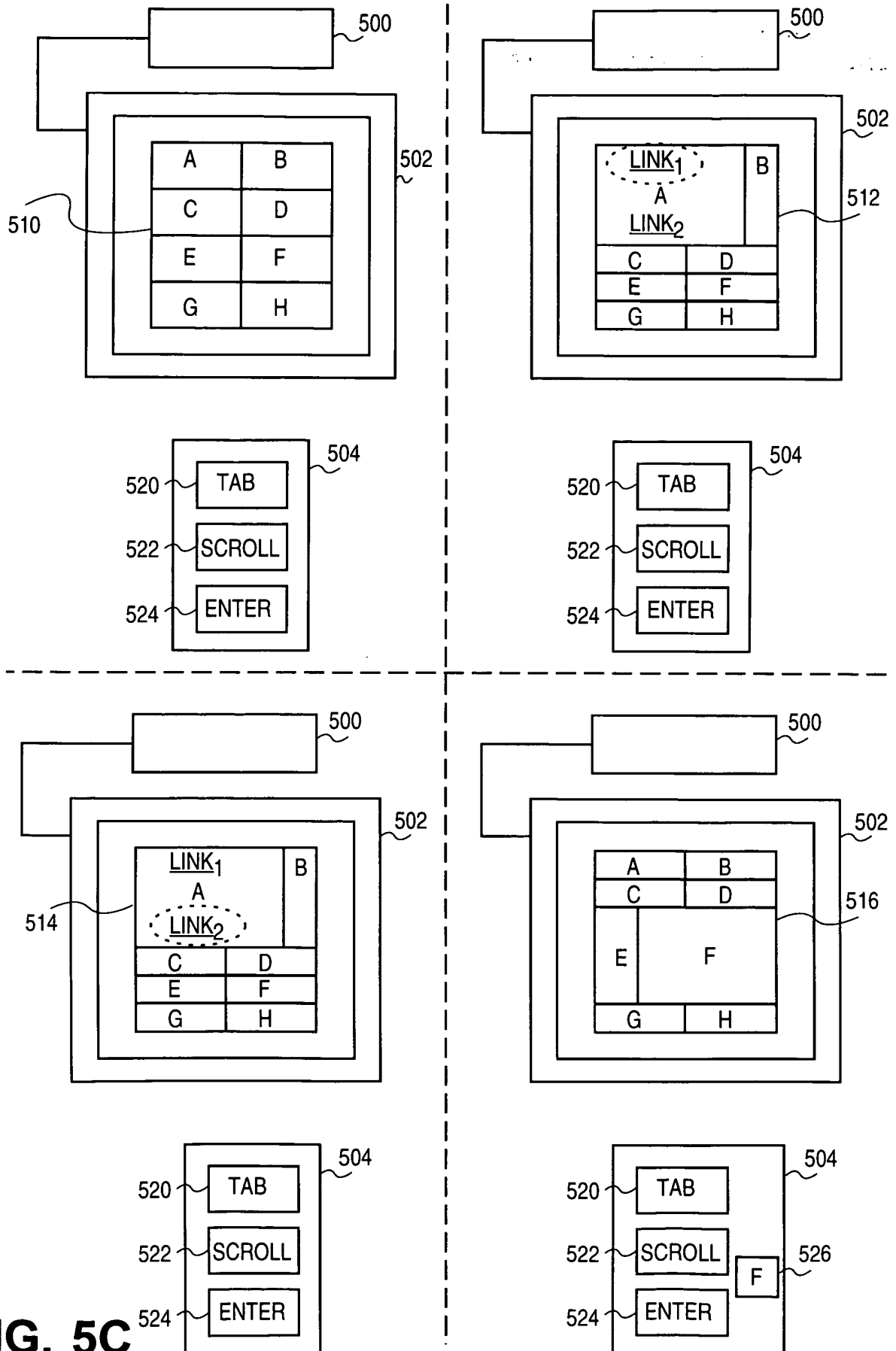
```

graph TD
    START([START]) --> 450[SEGMENT PAGE RECEIVED]
    450 --> 452{TAB INPUT?}
    452 -- YES --> 458[FOCUS ON NEXT REGION]
    452 -- NO --> 454{REGIONS HAVE TO ASSOC?}
    454 -- YES --> 456{ASSOC ID RECEIVED?}
    454 -- NO --> 452
    456 -- YES --> 460[FOCUS ON CORRESPONDING REGION]
    456 -- NO --> 452
    458 --> 462[SCALE THE REGIONS]
    462 --> 464[HIGHLIGHT FIRST LINK IN FOCUS REGION]
    464 --> 466{ENTER SIGNAL INPUT?}
    466 -- YES --> 474[ACTIVATE HIGHLIGHTED LINK]
    466 -- NO --> 468{SCROLL SIGNAL INPUT?}
    468 -- YES --> 472[HIGHLIGHT NEXT LINK]
    468 -- NO --> 470{TAB OR ID INPUT?}
    470 -- YES --> 472
    470 -- NO --> 452
    472 --> 452
    474 --> 452

```

**FIG. 5B**





**FIG. 5C**

START

ACCESS CONTENT PARTNER  
HOME PAGE

ESTABLISHED  
COMMUNICATION WITH SSS

RECEIVE FIRST MATRIX LAYER

KEY PRESS

KEY PRESS CORRESP.  
TO COMP. CELL?

ENTER COMPOSITION MODE

ENTER KEY PRESSED?

RETURN TO NAVIGATION  
MODE

SEND KEY PRESS EVENT TO SS  
SERVER

RECEIVE UPDATED MATRIX

MATRIX LOAD TO MEMORY

TIME STAMP CACHE

RECEIVE NEW ADS

RENDER CACHED  
MATRIX

KEY PRESS MATRIX  
LAYER CACHED?

RENDER MATRIX TO TEMP  
BUFFER

UPDATE STATUS BAR

DONE

SWAP BUFFER

UPDATE HISTORY

FIG. 6

09:43:01 03/03/00

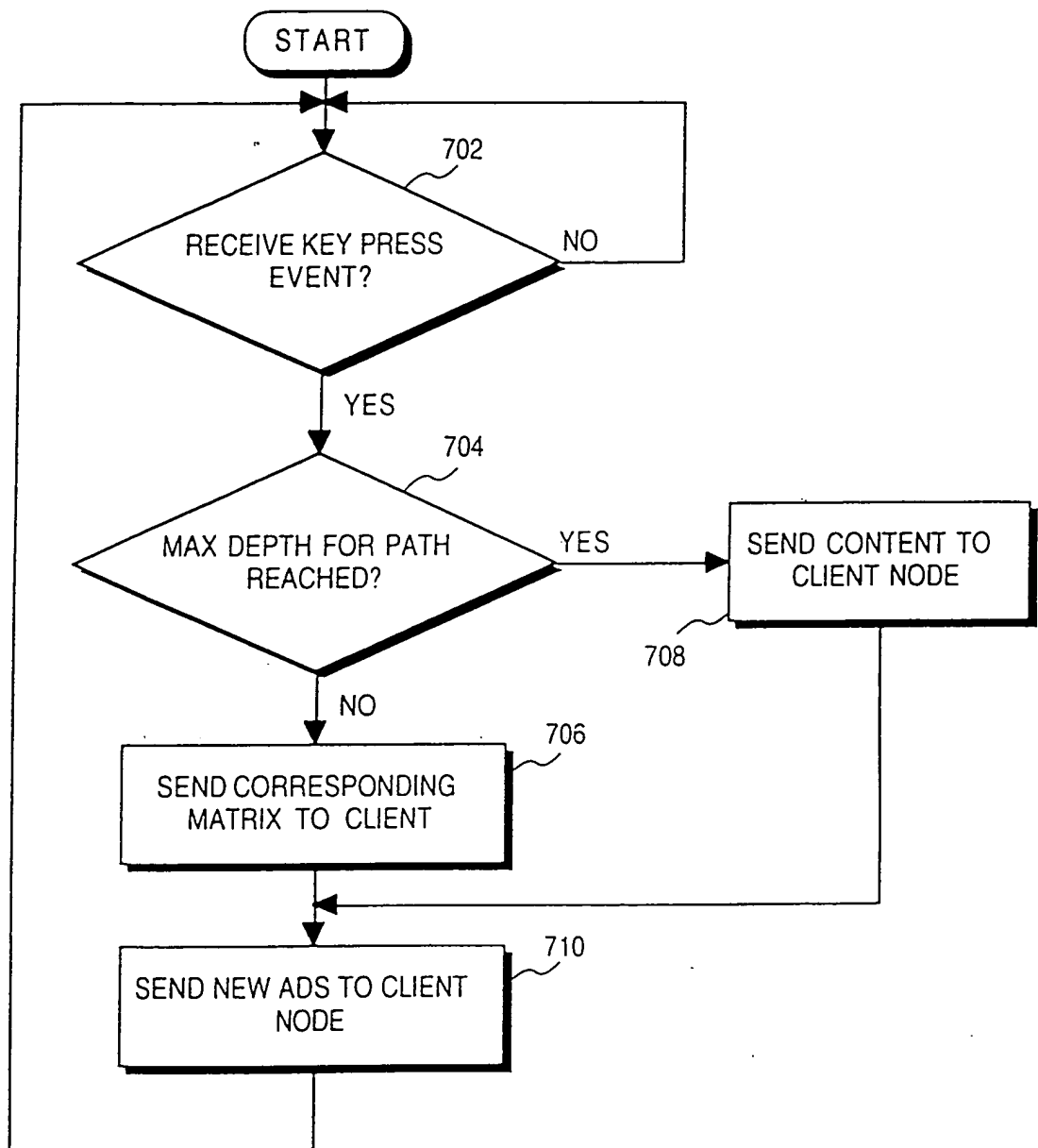


FIG. 7

1	2	3	A
4	5	6	B
7	8	9	C
*	0	#	<div>Asynchronous Messages</div> <div>Title Block</div> <div>85%</div>

F168








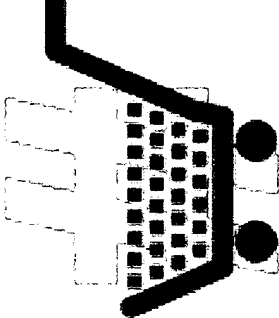

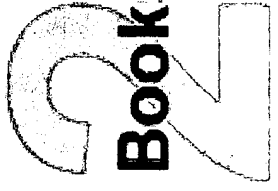
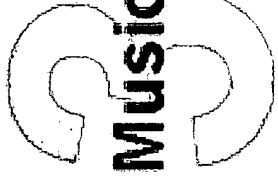







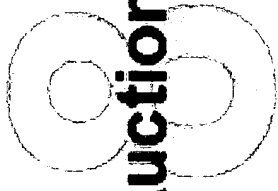
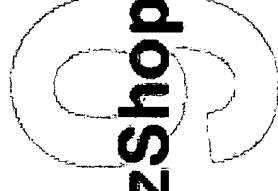
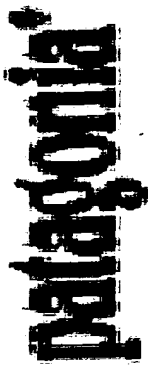


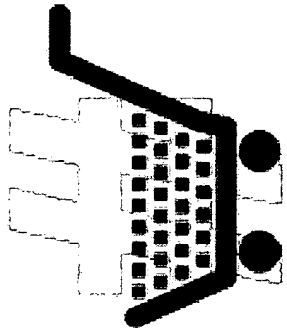

 <p>Welcome</p>	 <p>Books</p>	 <p>Music</p>	<p><b>GUESS</b></p> <p>BANANA REPUBLIC</p> <p>patagonia</p> <p>NORDSTROM</p>
 <p>DVD &amp; Video</p>	<p>Electronics &amp; Software</p>	<p>Toys &amp; Video Games</p>	<p>ORIGINS</p> <p>MACYS.COM</p> <p>VICTORIA'S SECRET</p> <p>CRAFTREE &amp; EVELYN</p>
 <p>Home Improvements</p>	 <p>Auctions</p>	 <p>zShops</p>	<p>CLINIQUE</p> <p>Mother Nature.com</p> <p>Enchanted Moon Gift Co.</p>
<p>Amazon. com</p>	<p>Search</p> <div data-bbox="1323 1165 1421 1501" style="border: 1px solid black; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center;"> <input style="width: 40px; height: 40px; border: none;" type="text"/> <input style="width: 40px; height: 40px; border: none;" type="text"/> <input style="width: 40px; height: 40px; border: none;" type="text"/> </div> <p>All Products</p>		<p>amazon.com sister site</p>

FIG 9a

 <p>Welcome</p>	 <p>Books</p>	 <p>Music</p>	
  <p>DVD &amp; Video</p>	 <p>Electronics &amp; Software</p>	 <p>Toys &amp; Video Games</p>	
 <p>Home Improvements</p>	 <p>Auctions</p>	 <p>zShops</p>	
	 <p>Search</p> <p>All Products</p>		

DESIGNED BY JEFFREY

FIG 9b

1  
Welcome

DVD  
&  
Video

Home  
Improvements

Amazon.  
com

2  
Books

Electronics  
&  
Software

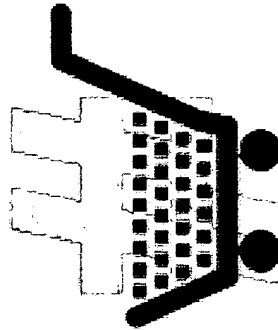
Auctions

Search  
  
All Products

3  
Music

Toys  
&  
Video Games

zShops



GUESS

BANANA REPUBLIC

patagonia

NORDSTROM.COM

amazon.com  
sister site

<p>Art, Architecture, Photography</p>	<p>2 Audiobooks</p>	<p>Biographies &amp; Memoirs</p>	<p>BANANA REPUBLIC</p>
<p>Business &amp; Investing</p>	<p>5 Children's Books</p>	<p>Computers &amp; Internet</p>	<p>patagonia</p>
<p>Cooking, Food &amp; Wine</p>	<p>8 Entertainment</p>	<p>More...</p>	<p>NORDSTROM.COM</p>
<p>Amazon. com</p>	<p>Search All Products</p>	<p>Shopping Cart</p>	<p>amazon.com sister site</p>

900

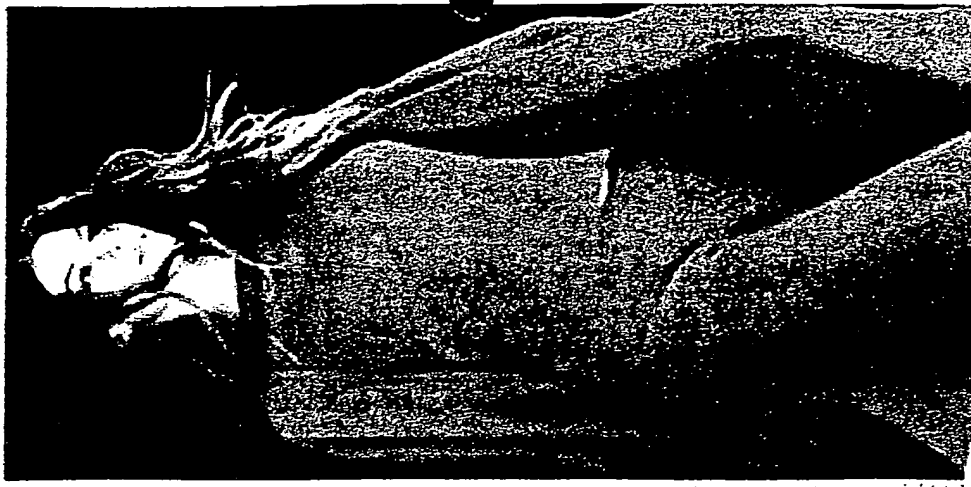
704

0918015-030300

FIG 9d

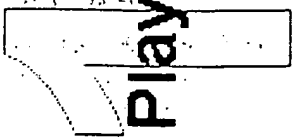


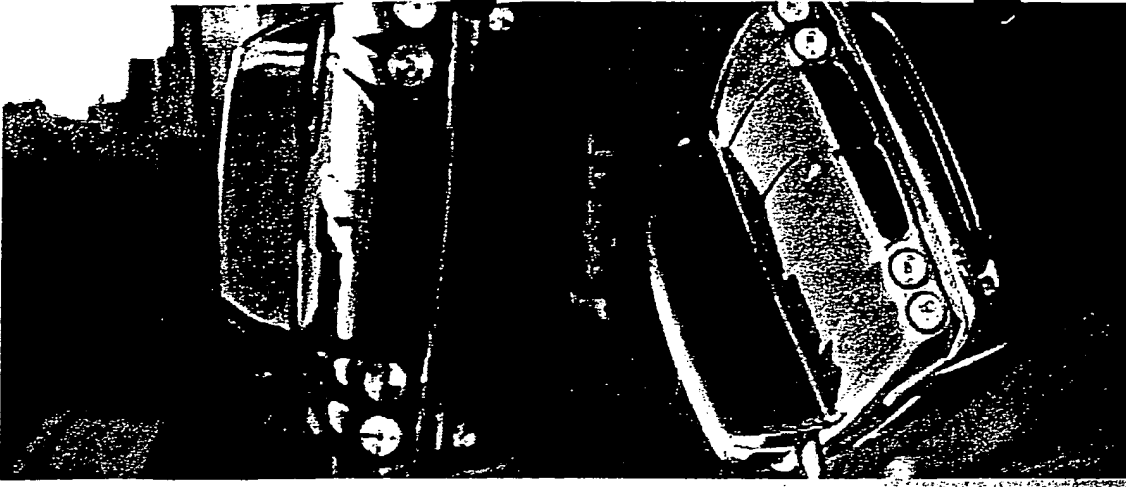
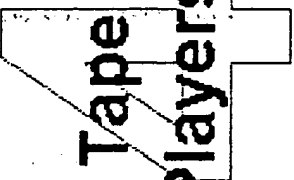


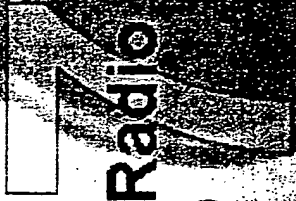
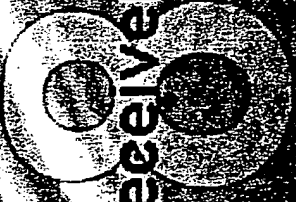

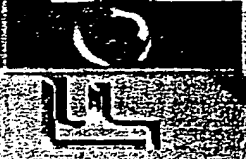




Fig. 10a

<p>Apparel &amp; Accessories</p>	<p>Autos &amp; Vehicles</p>	<p>Books &amp; Music</p>	 <p>RALPH LAUREN COLLECTION</p>
<p>Computers &amp; Office</p>	<p>Electronics</p>	<p>Gifts &amp; Consumables</p>	
<p>Home &amp; Garden</p>	<p>Sports &amp; Fitness</p>	<p>Toys &amp; Hobbies</p>	
<p>IFC TV</p>	<p>Search Information</p>	<p>J</p>	<p>Shopping &amp; Products</p>

US 15 030300

<div data-bbox="105 1795 397 1974"><p>1 Audio</p></div>	<div data-bbox="105 1165 397 1533"><p>2 Televisions</p></div>	<div data-bbox="105 735 397 934"><p>3 Video</p></div>	<div data-bbox="89 136 1209 556"></div> <div data-bbox="1372 136 1445 504"><p>Electronics</p></div>
<div data-bbox="479 1732 779 2016"><p>4 Cameras</p></div>	<div data-bbox="479 1176 779 1522"><p>5 Computers</p></div>	<div data-bbox="479 735 779 934"><p>6 Office</p></div>	
<div data-bbox="868 1669 1161 2089"><p>7 Communications</p></div>	<div data-bbox="868 1155 1161 1543"><p>8 Accessories</p></div>	<div data-bbox="868 735 1161 934"><p>9 PDA's</p></div>	
<div data-bbox="1266 1690 1518 2026"><p>10 PC's</p></div>	<div data-bbox="1258 1176 1550 1533"><p>11 Search Information</p></div>	<div data-bbox="1258 724 1518 934"><p>12</p></div>	

 <p>CD Players</p>	 <p>Digital Recorders</p>	 <p>Portable Web Players</p>	
 <p>Tape Players</p>	 <p>Sound Systems</p>	 <p>Speakers</p>	
 <p>Radio</p>	 <p>Receivers</p>	 <p>More...</p>	
 <p>City</p>	 <p>Search Information</p>	 <p></p>	<p>Audio</p>

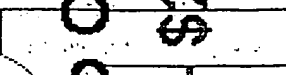
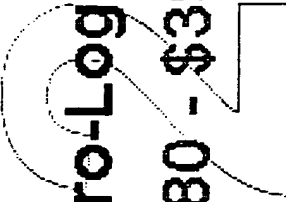
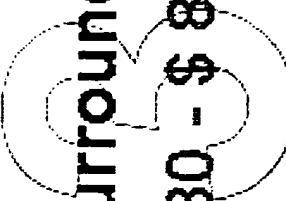

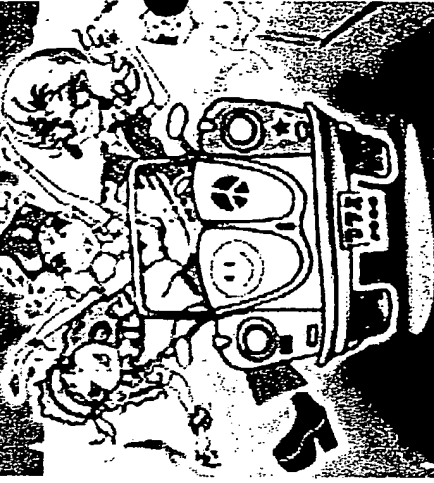
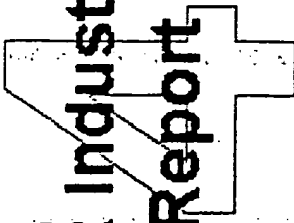
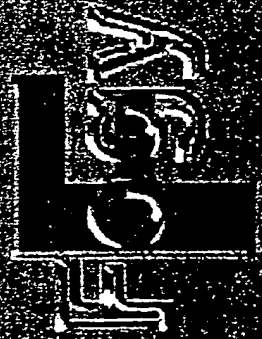
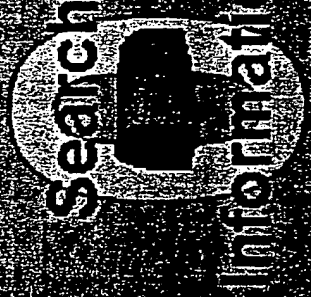
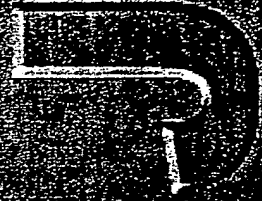
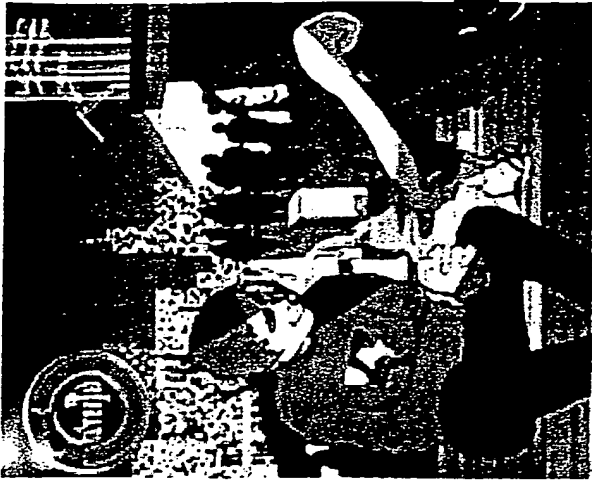
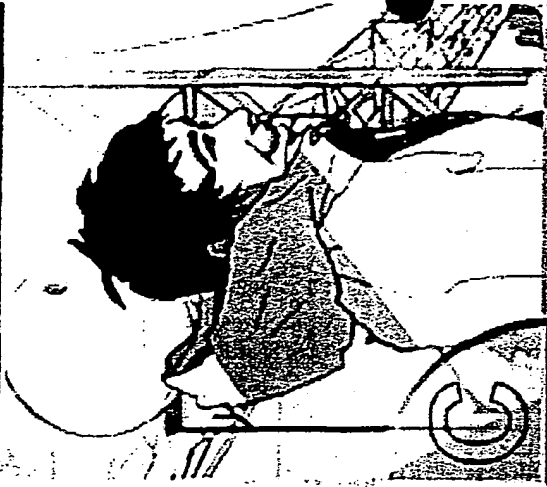
 <b>Stereo Only</b> \$150 - \$290	 <b>Pro-Logic</b> \$180 - \$390	 <b>Surround</b> \$680 - \$800	  <a href="http://www.dtx.com">www.dtx.com</a>
 <b>CR Industry Report</b>			
			<b>Receivers</b>

Fig. 10e

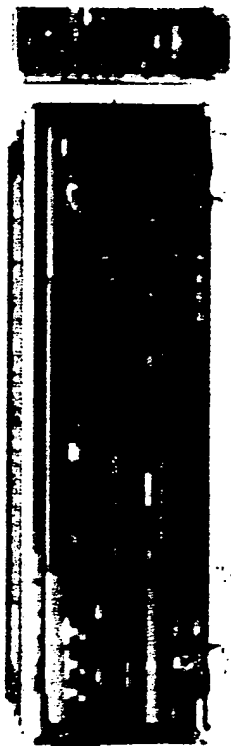
<p><b>Technics</b> <b>SA-EX 110</b> <b>\$150</b></p> <p><b>Rank #1</b> Consumer Reports</p>	<p><b>Sony</b> <b>STR DE 310</b> <b>\$180</b></p> <p><b>Rank #2</b> Consumer Reports</p>	<p><b>JVC</b> <b>RX 318BK</b> <b>\$160</b></p> <p><b>Rank #3</b> Consumer Reports</p>	
<p><b>Onkyo</b> <b>SX 8511B</b> <b>\$290</b></p> <p><b>Rank #4</b> Consumer Reports</p>	<p><b>Pioneer</b> <b>SX 255R</b> <b>\$160</b></p> <p><b>Rank #5</b> Consumer Reports</p>	<p><b>Kenwood</b> <b>104 AR</b> <b>\$170</b></p> <p><b>Rank #6</b> Consumer Reports</p>	
<p><b>7</b></p>	<p><b>8</b></p>	<p><b>9</b></p>	
<p><b>FCV</b></p>	<p><b>Search</b> <b>Information</b></p>	<p><b>J</b></p>	<p><b>Stereo Only</b></p>



Technics  
SA-EX110

~~\$150~~

Our Price: **\$129**



Rank #1  
Consumer Reports

Consumer  
Report

Similar  
Products

TCV

Search  
Information

3  
Features

6  
Specifications

9  
PURCHASE

5

TOMMY

HILFICHER



Tommy girl

Technics

Fig. 109

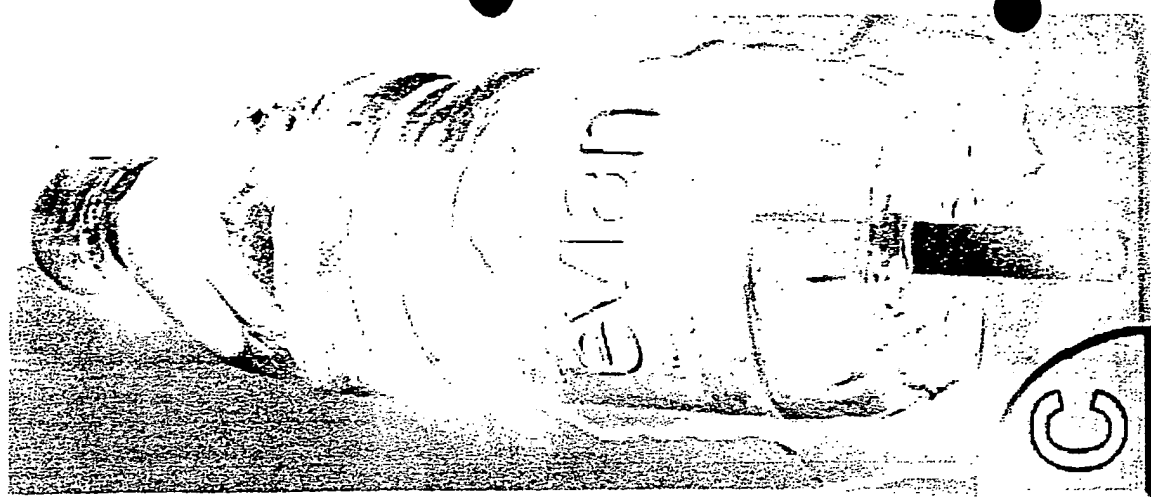
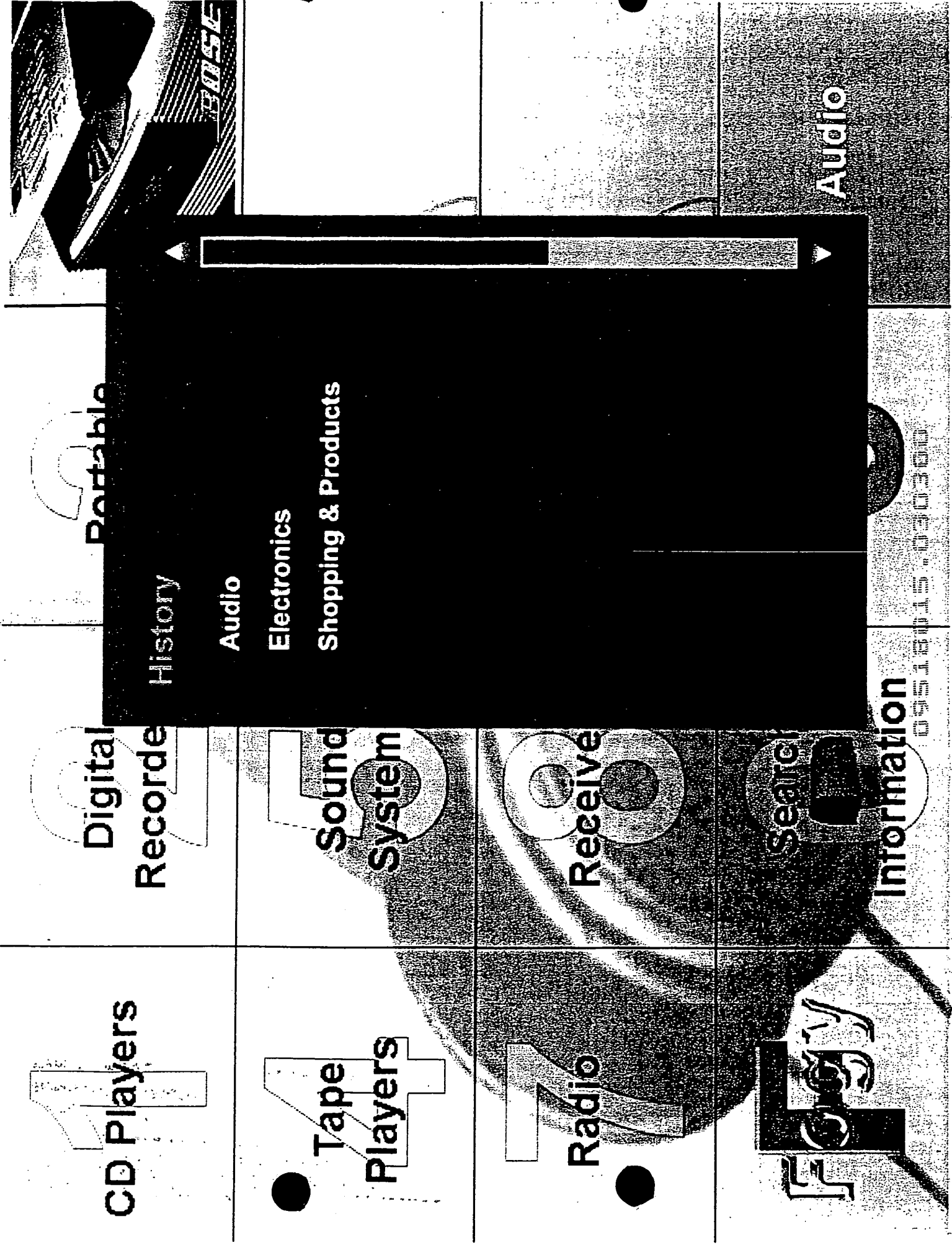
<div>1</div> <div>Credit Card Type:</div> <div></div>	<div>2</div> <div>Credit Card Number:</div> <div></div>	<div>3</div> <div>Expiration Date:</div> <div></div>	
<div>4</div> <div>Name:</div> <div></div>	<div>5</div> <div>Street Address:</div> <div></div>	<div>6</div> <div>City, State, Zip:</div> <div></div>	<div>Technics PURCHASE</div>
<div>Ship to Different Address</div>	<div>8</div> <div>Clear All Forms</div>	<div>9</div> <div>Next</div>	<div>J</div>
<div>IFC TV</div>	<div>Search Information</div>		

Fig. 11





1

Search

Email



Promotions

4

Bookmarks  
Listings

5

Connection  
Settings

6



Preferences

7

About

8

Help

9



F

MY  
Information

10

J



Fig. 12b

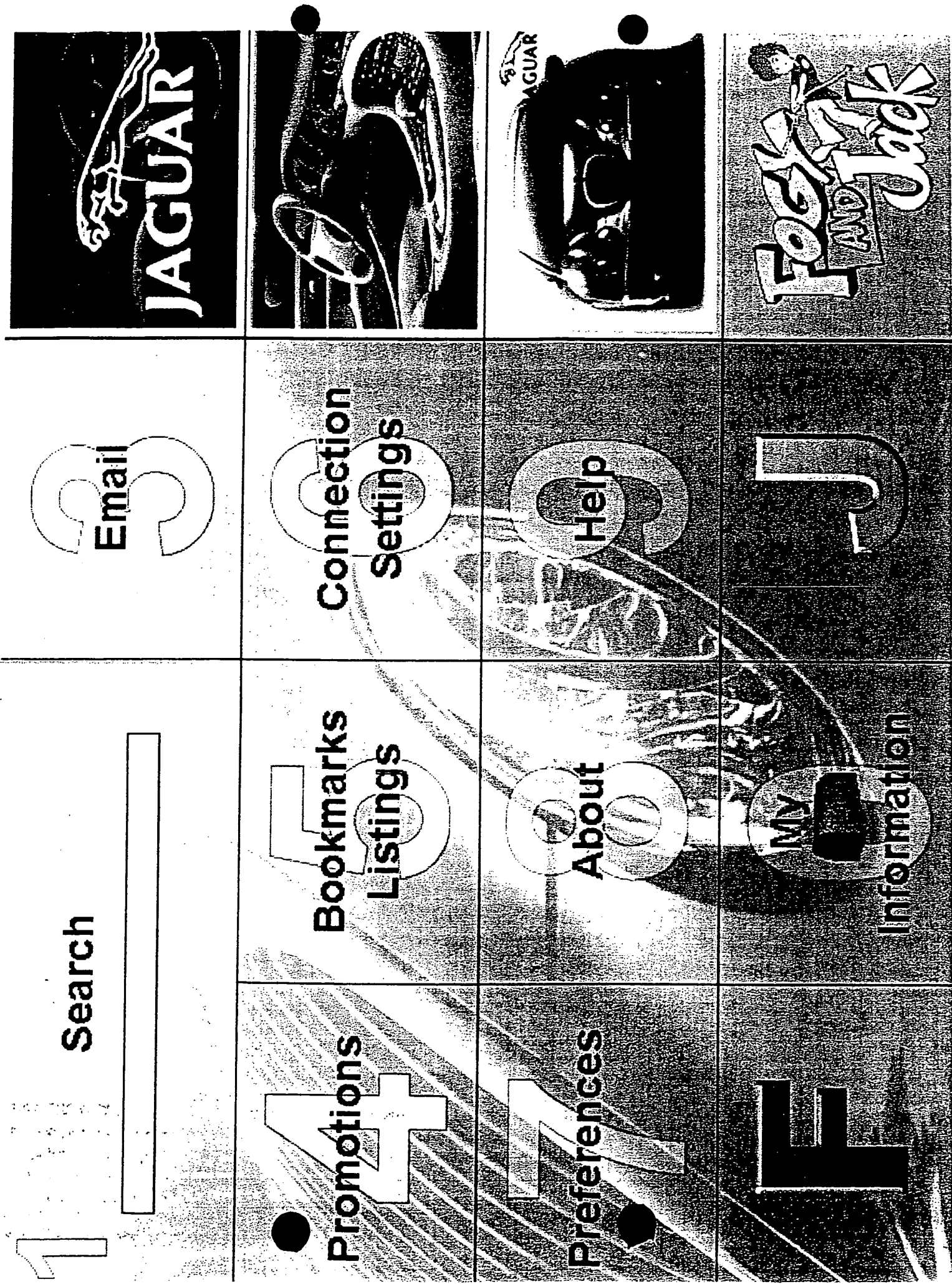


Fig. 13

1 From: jack@fogjack.com

2 To: user@fogjack.com

3 Subject: Welcome!

4

Welcome new Fogy and Jack user!

5 Send 6 Save 7 Cancel

A

Inbox

B

Outbox

C

Sent

D

Trashcan

E

Email

FIG. 14

					4
					8
					3
					7
					2
					6
					1
					5
					00510015-1003000